

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of claims:

1. (Withdrawn) A device for detecting an analyte in a test sample obtained from a mammal, said device comprising at least one assay strip having a plurality of patch regions, each patch region containing a unique, predetermined amount of a recognition molecule specific for said analyte wherein interaction between said analyte and said recognition molecule provides a dose dependent colorimetric readout on the patch regions.
2. (Withdrawn) A device according to claim 1, wherein the recognition molecule is selected from the group consisting of an antibody, an antibody fragment, a single chain antibody, an antigen binding domain of an antibody, a ligand or a receptor.
3. (Withdrawn) A device according to claim 1 wherein the analyte is 11-dihydro thromboxane B2.
4. (Withdrawn) A device according to claim 1, wherein said device comprises a first assay strip comprising an absorbent material capable of absorbing a predetermined amount of fluid and a second non-absorbent assay strip comprising a specific recognition molecule, wherein the presence of an analyte in the absorbed fluid can be detected by allowing the first strip to interface with the second strip and determining the amount of recognition molecule bound to the analyte.

5. (Withdrawn) A device according to claim 3 wherein upon interaction of said first strip and said second strip, the recognition molecule migrates from said second strip to said first strip and the amount of antibody remaining on said second strip is indicative of the concentration of analyte in the sample.

6. (Withdrawn) A device according to claim 3, wherein the recognition molecule is an antibody.

7. (Withdrawn) A device according to claim 3, wherein the analyte is a thromboxane metabolite.

8. (Withdrawn) A device for the detection of an analyte comprising a first strip of absorbent material having a recognition molecule dispersed therein and a second non-absorbent strip have predetermined amounts of an analyte standard immobilized thereon, wherein upon immersion of the device in a sample fluid the recognition molecules are mobilized to competitively bind to the analyte on the second strip or the analyte in the sample fluid whereby the amount of recognition molecule bound to the second strip is inversely proportional to the concentration of analyte in the sample fluid.

9. (Withdrawn) A device according to claim 6, wherein the recognition molecule is an antibody or antibody fragment.

10. (Withdrawn) A device according to claim 6 wherein the analyte is a thromboxane metabolite.

11-15. (Cancelled)

16. (New) An immunoassay kit for detecting an analyte in a test sample, comprising:

- i. a first strip including a test patch that contains a predetermined amount of antibody specifically binding to the analyte, wherein the antibody is linked to a reporter molecule capable of releasing a signal, and
- ii. a second strip made of an absorbent material for absorbing the test sample,

wherein the first strip is configured such that, after contacting it for a fixed time period with the second strip absorbed with the test sample and then separating them, the antibody bound to the analyte moves from the first strip to the second strip and the antibody not bound to the analyte remains on the first strip, the level of signal released from the reporter molecule linked to the antibody remaining on the first strip being inversely proportional to the amount of the analyte in the test sample.

17. (New) The immunoassay kit of claim 16, wherein the first strip further includes four reference patches containing four predetermined amounts of the reporter molecule, the levels of signal released therefrom corresponding to four determined concentrations of the analyte.

18. (New) The immunoassay kit of claim 16, wherein the reporter molecule is a dye.

19. (New) The immunoassay kit of claim 16, wherein the reporter molecule is an enzyme.

20. (New) The immunoassay device according to claim 16, wherein the analyte is thromboxane B2.

21. (New) The immunoassay kit according to claim 20, wherein the test sample is a human urine sample.
22. (New) The immunoassay kit according to claim 21, wherein the first strip further includes four reference patches containing four predetermined amounts of the reporter molecule, the level of signal released therefrom corresponding to relative risks of a cardiovascular event.
23. (New) The immunoassay kit according to claim 22, wherein the levels of signal released from the four predetermined amounts of the reporter molecule correspond to less than 15.1 ng/mmol creatinine, 15.1-21.8 ng/mmol creatinine, 21.9-33.8 ng/mmol creatinine, and higher than 33.8 ng/mmol creatinine.
24. (New) The immunoassay kit according to claim 22, wherein the reporter molecule is a dye.
25. (New) The immunoassay kit according to claim 22, wherein the reporter molecule is an enzyme.